

**COPY OF PAPERS  
ORIGINALLY FILED**

PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			Application Number	09/844232	
			Filing Date	4/27/2001	
			First Named Inventor	BEATY et al.	
			Art Unit	2623	
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	60011US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
SCE		US-5,440,391	08/08/1995	SMEYERS	
		US-5,909,285	06/01/1999	BEATY	
		US-6,055,054	04/25/2000	BEATY	
		US-6,064,756	05/16/2000	BEATY	
		US-6,064,757	05/16/2000	BEATY	
		US-6,072,898	06/06/2000	BEATY	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED

MAR 18 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature	Sheel Choren	Date Considered	4/28/04
-----------------------	--------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.  
 Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

*Page #4*



Sheet 1 of 1

Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				ATTY DOCKET NO.  60011US (2775-001CIP2)		APPLICATION NO.  09/844,232	
				APPLICANT Elwin M. BEATY <i>et al.</i>			
				FILING DATE April 27, 2001		GROUP 2625	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>SC</i>	A	US 5245671	Sept. 1993	Kobayashi <i>et al.</i>	382	150	
						<b>RECEIVED</b> AUG 06 2004 Technology Center 2600	
FOREIGN PATENT DOCUMENTS							
							TRANSLATION
							YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>SC</i>	B	John Lau, BALL GRID ARRAY TECHNOLOGY, pp. 558, 561, 565, 591 (1995 McGraw-Hill)					
EXAMINER <i>Sheela Chawan</i>					DATE CONSIDERED <i>1/18/05</i>		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							